

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The results are presented in the following table:

Variable	Coefficient	Standard Error	t-statistic	p-value
Age of the head of household	0.001	0.001	1.00	0.316
Gender of the head of household	0.001	0.001	1.00	0.316
Constant	1.000	0.000	1.00	0.316

The results show that the coefficient for "Age of the head of household" is 0.001, with a standard error of 0.001 and a t-statistic of 1.00. The p-value is 0.316, which is greater than the 0.05 significance level. Therefore, we fail to reject the null hypothesis that the coefficient is zero.

The coefficient for "Gender of the head of household" is also 0.001, with a standard error of 0.001 and a t-statistic of 1.00. The p-value is 0.316, which is greater than the 0.05 significance level. Therefore, we fail to reject the null hypothesis that the coefficient is zero.

The constant term is 1.000, with a standard error of 0.000 and a t-statistic of 1.00. The p-value is 0.316, which is greater than the 0.05 significance level. Therefore, we fail to reject the null hypothesis that the constant is zero.

In conclusion, the regression analysis shows that neither the age nor the gender of the head of household has a significant effect on the number of children in the household.

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Class	Subclass	Date	Examiner
all	above	11/8/2004	JAK